Claims:

1. A compound of formula I

$$R_{4}$$
 R_{5}
 R_{6}
 R_{7}
 R_{1}
 R_{8}
 R_{9}

wherein

X is O, NH, N(C₁₋₄)alkyl, CO or CHOH,

Y is CH or N,

A and B are each hydrogen or together form a second bond between the carbon atoms to which they are attached,

 R_1 is hydrogen or (C_{1-4}) alkyl,

 R_2 is optionally substituted (C_{1-8})alkyl, (C_{3-7})cycloalkyl, (C_{3-7})cycloalkyl(C_{1-4})alkyl, aryl or heteroaryl,

 R_3 is $CH(R_e)CONR_aR_b$ or $(CH_2)_nNR_cR_d$,

n is 0, 1 or 2,

 R_a , R_b , R_c and R_d , independently, are hydrogen or optionally substituted (C_{1-8})alkyl, (C_{3-7})cycloalkyl, (C_{3-7})cycloalkyl, (C_{1-4})alkyl, (C_{7-9})bicycloalkyl, 1-aza-(C_{7-9})bicyclo alkyl, aryl, aryl(C_{1-4})alkyl, heteroaryl, heteroaryl(C_{1-4})alkyl or heterocyclyl, or

R_a, R_b, R_c and R_d, together with the nitrogen to which they are attached, form an optionally substituted pyrrolidinyl, piperidino, morpholino or piperazinyl group,

 R_e is (C_{1-8}) alkyl, (C_{1-4}) alkoxy (C_{1-4}) alkyl, (C_{3-7}) cycloalkyl or (C_{3-7}) cycloalkyl (C_{1-4}) alkyl, and

R₄, R₅, R₆, R₇, R₈ and R₉, independently, are hydrogen, (C₁₋₄)alkyl, (C₁₋₄)alkoxy, (C₁₋₄)alkyl-SO₂, cyano, nitro or halogen, in free base or acid addition salt form.

2. A compound of formula I according to claim 1 wherein

X is O, NH, $N(C_{1-4})$ alkyl, CO or CHOH,

- Y is CH or N,
- A and B are each hydrogen or together form a second bond between the carbon atoms to which they are attached,
- R₁ is hydrogen or (C₁₋₄)alkyl,
- R_2 is optionally substituted (C₁₋₈)alkyl, (C₃₋₇)cycloalkyl, (C₃₋₇)cycloalkyl, (C₁₋₄)alkyl, aryl or heteroaryl,
- R_3 is $CH(R_e)CONR_aR_b$ or $(CH_2)_nNR_cR_d$,
- n is 0, 1 or 2,
- R_a , R_b , R_c and R_d , independently, are hydrogen or optionally substituted (C_{1-8})alkyl, (C_{3-7})cycloalkyl, (C_{3-7})cycloalkyl(C_{1-4})alkyl, aryl, aryl(C_{1-4})alkyl, heteroaryl or heteroaryl(C_{1-4})alkyl or
- R_a, R_b, R_c and R_d, together with the nitrogen to which they are attached, form an optionally substituted pyrrolidinyl, piperidino, morpholino or piperazinyl group,
- R_e is (C_{1-8}) alkyl, (C_{1-4}) alkoxy (C_{1-4}) alkyl, (C_{3-7}) cycloalkyl or (C_{3-7}) cycloalkyl (C_{1-4}) alkyl, and
- R_4 , R_5 , R_6 , R_7 , R_8 and R_9 , independently, are hydrogen, (C_{1-4}) alkyl, (C_{1-4}) alkoxy, (C_{1-4}) alkyl-SO₂, cyano, nitro or halogen, in free base or acid addition salt form.
- 3. A compound of formula I according to claim 1 wherein
 - X is O, NH or CO,
 - Y is CH or N,
 - A and B are each hydrogen or together form a second bond between the carbon atoms to which they are attached,
 - R₁ is hydrogen,
 - R₂ is (C₁₋₄)alkyl, or phenyl, which is unsubstituted or substituted by hydroxy, amino or halogen,
 - R_3 is $CH(R_e)CONR_aR_b$ or $(CH_2)_nNR_cR_d$,
 - n is 0 or 1,
 - R_a and R_b , independently, are hydrogen, (C_{1-7}) alkyl, (C_{1-4}) alkoxy (C_{1-4}) alkyl, benzyl, phenyl, (C_{3-5}) cycloalkyl (C_{1-4}) alkyl, pyridyl, pyridyl (C_{1-4}) alkyl, (C_{1-4}) alkyl piperidinyl, tetrahydropyranyl, (C_{7-8}) bicycloalkyl, 1-aza- (C_{7-9}) bicycloalkyl; (C_{5-8}) cycloalkyl substituted by hydroxy; or pyrazolyl or isoxazolyl being unsubstituted or substituted by (C_{1-4}) alkyl;

 R_c and R_d , independently, are hydrogen, tetrahydronaphthyl, (C_{1-4}) alkoxy tetrahydronaphthyl, (C_{3-5}) cycloalkyl being unsubstituted or substituted by halophenyl; chromanyl being substituted by halogen, (C_{1-4}) alkyl or (C_{3-7}) cycloalkyl; or (C_{1-4}) alkyl being unsubstituted or mono or disubstituted by (C_{5-7}) cycloalkyl, phenyl, (C_{1-4}) alkoxy phenyl, di (C_{1-4}) alkoxy phenyl, halophenyl, phenoxy phenyl, (C_{1-4}) alkyl phenyl, hydroxy (C_{1-4}) alkyl phenyl, (C_{1-4}) alkoxy phenyl, naphthyl, pyridyl, thiadiazolyl, benzimidazolyl or furyl;

 \dot{R}_{e} is (C_{1-8}) alkyl, and

 R_4 , R_5 , R_6 , R_7 , R_8 and R_9 , independently, are hydrogen or halogen, in free base or acid addition salt form.

4. A process for the preparation of a compound of formula I as defined in claim 1, or a salt thereof, which includes the steps of acylating a compound of formula II

$$R_{1}$$
 R_{2} R_{3} R_{4}

wherein R₁, R₂ and R₃ are as defined in claim 1, with an acid of formula III

wherein X, Y, A, B, R_4 , R_5 , R_6 , R_7 , R_8 and R_9 are as defined in claim 1, or an activated form thereof, and recovering the so obtained compound of formula I in free base or acid addition salt form.

5. A compound of any one of claims 1 to 3 in free base or pharmaceutically acceptable acid addition salt form, for use as a pharmaceutical.

- 6. A compound of any one of claims 1 to 3 in free base or pharmaceutically acceptable acid addition salt form, for use in the treatment of neurological and vascular disorders related to beta-amyloid generation and/or aggregation.
- 7. A pharmaceutical composition comprising a compound of any one of claims 1 to 3 in free base of pharmaceutically acceptable acid addition salt form, in association with a pharmaceutical carrier or diluent.
- 8. The use of a compound of any one of claims 1 to 3 in free base or pharmaceutically acceptable acid addition salt form, as a pharmaceutical, for the treatment of neurological and vascular disorders related to beta-amyloid generation and/or aggregation.
- 9. The use of a compound of any one of claims 1 to 3 in free base or pharmaceutically acceptable acid addition salt form, for the manufacture of a medicament for the treatment of neurological and vascular disorders related to beta-amyloid generation and/or aggregation.
- 10. A method for the treatment of neurological and vascular disorders related to beta-amyloid generation and/or aggregation in a subject in need of such treatment, which comprises administering to such subject a therapeutically effective amount of a compound of any one of claims 1 to 3 in free base or pharmaceutically acceptable acid addition salt form.
- 11. A combination comprising a therapeutically effective amount of a compound of any one of claims 1 to 3 in free base of pharmaceutically acceptable acid addition salt form and a second drug substance, for simultaneous or sequential administration.